

However, the Commissioner is authorized to charge any required fee or credit any overpayment to Pennie & Edmonds LLP Deposit Account No. 16-1150.

IN THE SPECIFICATION:

Please amend the specification as follows:

On page 24, please insert the following new paragraph at line 26 (*i.e.*, after the priority paragraph):

DEPOSIT OF HYBRIDOMA

E1

The hybridoma 8F4, secreting native monoclonal antibody 8F4, was deposited with the Deutsche Sammlung Von Mikroorganismen und ZellKulturen GmbH ("DSMZ"), at Mascheroder Weg 1b, D-3300 Braunschweig, Germany, on April 9, 2002, in compliance with the Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure on behalf of the Applicant and the Robert-Koch-Institut. The deposited hybridoma was assigned DSMZ accession number DSM ACC2539.

IN THE CLAIMS:

Please amend claims 21 and 30 to read as follows:

E2

21. (Twice amended) A method of inhibiting costimulation of human T lymphocytes comprising: contacting a human T lymphocyte with a monoclonal antibody that recognizes a human 8F4 polypeptide, wherein said 8F4 polypeptide:

- a) is an inducible T cell costimulatory molecule;
- b) occurs on two-signal-activated human T lymphocytes;
- c) exhibits a molecular weight of about 55 to 60 kilodaltons as determined by non-reducing sodium dodecyl sulphate polyacrylamide gel electrophoresis (SDS-PAGE);
- d) is a dimer of two peptide chains exhibiting molecular weights of about 27 kilodaltons and 29 kilodaltons, as measured by reducing SDS-PAGE; and
- e) is recognized by the antibody deposited with the Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH ("DSMZ") and assigned accession no. DSM ACC2539,

such that costimulation of the human T lymphocyte is inhibited.

E3

30. (Twice amended) A method of inhibiting rejection of an organ transplant, comprising: administering to an individual in need of such inhibition an 8F4 inhibitory